

ABSTRACT OF THE DISCLOSURE

2 A system for maintaining the data rate of receivers to a network as requested media is
3 delivered to one or more of the receivers. The system includes a proxy module acting as a
4 single portal through which media requests are delivered to the network. The proxy module
5 retrieves a stream of the requested media and delivers the media to the aggregation module for
6 distribution and bookkeeping. The aggregation module retrieves and caches or buffers the
7 stream of requested media from the proxy module. The aggregation module generates one or
8 more media streams deliverable to the requesting receivers, such streams being receiver
9 specific streams or non-receiver specific streams. The aggregation module can also deliver the
10 requested media to the receivers upon an unused video and/or audio channel available to the
11 receiver.

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